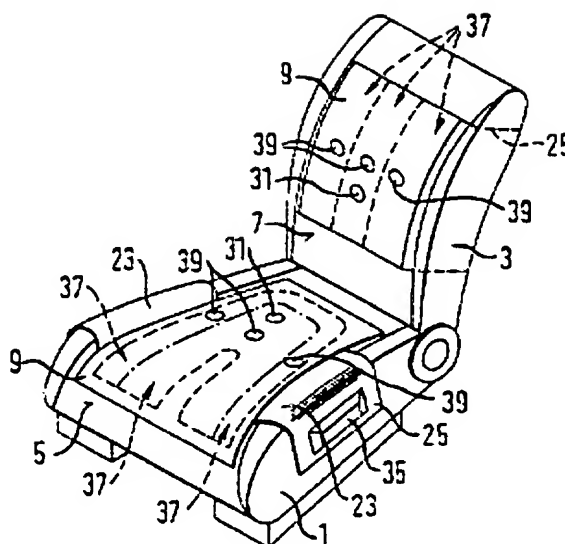


## Temperature control for motor vehicle seat

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### Abstract of DE19503291

The temperature control system is built into a flexible mat (9) positioned inside the seat padding. An array of Peltier devices (11) are positioned between the mat cover and a heat conducting base layer (23, 25) which takes the heat away to side areas where it is transferred to an air stream. The Peltier devices are fitted to metal bridges (19) and are connected to the vehicle electric system. The cooling system is divided into areas of the seat and seat back which are controlled by pressure sensitive switches (39). These ensure that the cooling effect is only applied when the seat is occupied. A reversible control switch switches the cooling effect to a heating effect, to warm the seat.



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